

Section 8: Division 26—Electrical

Description	Rev	Normal	Difficult	Very Difficult	Company Experience	Unit	Previous MLU Section
Panelboard Terminations: Three Pole Circuit Breaker							
<i>Note: Copper conductor termination including neutral</i>							
15 Amp		0.66	0.83	0.99		E	4
20 Amp		0.71	0.89	1.07		E	4
30 Amp		0.78	0.98	1.17		E	4
40 Amp		0.82	1.00	1.22		E	4
50 Amp		0.85	1.06	1.28		E	4
60 Amp		0.92	1.15	1.38		E	4
70 Amp		1.05	1.31	1.58		E	4
90 Amp		1.18	1.48	1.77		E	4
100 Amp		1.28	1.60	1.92		E	4
125 Amp		1.43	1.79	2.15		E	4
150 Amp		1.60	2.00	2.40		E	4
175 Amp		1.80	2.25	2.70		E	4
200 Amp		2.00	2.50	3.00		E	4
225 Amp		2.25	2.81	3.38		E	4
250 Amp		2.50	3.13	3.75		E	4
300 Amp		2.75	3.44	4.13		E	4
400 Amp		3.00	3.75	4.50		E	4
600 Amp		3.25	4.06	4.88		E	4
800 Amp		3.50	4.38	5.25		E	4
Add for Special Purpose Breakers (Arc-Fault, GFI, Shunt Trip)		0.15	0.25	0.35		E	4
Motor Control Centers: Receiving, Handling and Set In Place							
<i>Notes: Labor units do not include housekeeping pad, vibration insulator or seismic supports</i>							
<i>- For MCC's with more than 3 sections, add appropriate section labor to the 3 section total</i>							
<i>- Additional items to consider include: re-torque lugs/inspection, rigging equipment, provisions for concrete pad, commissioning and testing</i>							
1 Section		6.00	7.50	9.00		E	4
2 Sections		12.00	15.00	18.00		E	4
3 Sections		18.00	22.50	27.00		E	4
Panelboard Class 1 Div 2 up to 30 Circuit Breakers Style D2L							
6 Single Pole Spaces		10.00	12.50	15.00		E	7
12 Single Pole Spaces		10.50	13.13	15.75		E	7
18 Single Pole Spaces		11.00	13.75	16.50		E	7
24 Single Pole Spaces		11.50	14.38	17.25		E	7
30 Single Pole Spaces		12.00	15.00	18.00		E	7
Panelboard Class 1 Div 1 up to 30 Circuits Style LP-1							
6 Single Pole Spaces		11.00	13.75	16.50		E	7
12 Single Pole Spaces		11.50	14.38	17.25		E	7
18 Single Pole Spaces		12.00	15.00	18.00		E	7
24 Single Pole Spaces		12.50	15.63	18.75		E	7
30 Single Pole Spaces		13.00	16.25	19.50		E	7
36 Single Pole Spaces		13.50	16.88	20.25		E	7
Integrated Power Centers							
<i>Notes: Integrated Power Centers (IPC) bundles distribution equipment into a single factory assembled and wired integrated system, eliminating the traditional method of independently mounting each component separately.</i>							
<i>- The IPC allows for the integration of a variety of components including panelboards, transformers, surge suppression, lighting controls, metering, etc., pending on the project requirements.</i>							
<i>- The IPC concept also save space, which is always a premium on most projects.</i>							
<i>- The following are basic units consisting of 277/480V panelboards, transformers, and 120/208V panelboards.</i>							
<i>- Labor includes receiving, moving to the installation location, securing in place, and termination of the line side of the IPC.</i>							
<i>- Labor does not include KO's, conduit connectors or terminations, trans. grounding or wire terminations, of the load side of the panelboards.</i>							
Integrated Power Center							
<i>Notes: Input = 125A / 3 Ph 277/480V</i>							
<i>- Transformer = 30 KVA</i>							
<i>- Output = 100A / 3 Ph 120/208V</i>							
<i>- Weight = 800 lbs</i>							
<i>- Dimensions = 42-inch Wide x 91 1/2-inch High x 24-inch Deep</i>							
Labor		15.50	18.50	21.50		E	4